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DEPARTMENT OF THE ARMY
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EM 1110-2-2904


Engineer Manual
No. 1110-2-2904

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Engineering and Design
DESIGN OF BREAKWATERS AND JETTIES

1. Purpose. This manual provides current guidance and engineering procedures for the design of breakwaters and jetties.
2. Applicability. This manual applies to all HQUSACE/OCE elements and field operating activities (FOA) having responsibility for the design of civil works projects.
3. General. Design considerations for breakwaters and jetties are discussed in this manual. The goal of a good design is to provide an effective structure at a minimal cost, with consideration given to the social and environmental effects.

FOR THE COMMANDER:


ARTHUR E. WILLIAMS
Colonel, Corps of Engineers
Chief of Staff

This manual supersedes EM 1110-2-2904 dated 30 April 1963.